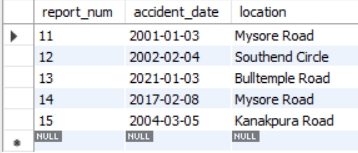
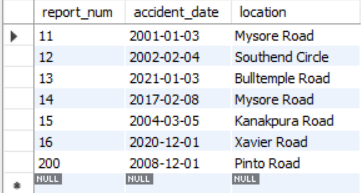
**LAB PROGRAM 1 (INSURANCE DATABASE) Name: Tushar A Pai**

**USN: 1BM19CS174**

**Queries:**

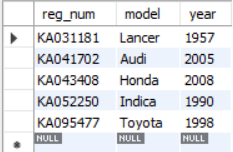
|  |
| --- |
| Create database insurance; |
|  | use insurance; |
|  |  |
|  | create table person( |
|  | driver\_id varchar(10), |
|  | name varchar(20), |
|  | address varchar(30), |
|  | primary key(driver\_id) |
|  | ); |
|  |  |
|  | desc person; |
|  |  |
|  | create table car( |
|  | reg\_num varchar(10), |
|  | model varchar(10), |
|  | year int, |
|  | primary key(reg\_num) |
|  | ); |
|  |  |
|  | desc car; |
|  |  |
|  | create table accident( |
|  | report\_num int, |
|  | accident\_date date, |
|  | location varchar(20), |
|  | primary key(report\_num) |
|  | ); |
|  |  |
|  | create table owns( |
|  | driver\_id varchar(10), |
|  | reg\_num varchar(10), |
|  | primary key(driver\_id,reg\_num), |
|  | foreign key(driver\_id) references person(driver\_id), |
|  | foreign key(reg\_num) references car(reg\_num) |
|  | ); |
|  |  |
|  | desc owns; |
|  |  |
|  | create table participated( |
|  | driver\_id varchar(10), |
|  | reg\_num varchar(10), |
|  | report\_num int, |
|  | damage\_amount int, |
|  | primary key(driver\_id,reg\_num,report\_num), |
|  | foreign key(driver\_id) references person(driver\_id), |
|  | foreign key(reg\_num) references car(reg\_num), |
|  | foreign key(report\_num) references accident(report\_num) |
|  | ); |
|  |  |
|  | desc participated; |
|  |  |
|  | insert into person values('A01','Richard',' Srinivas Nagar'); |
|  | insert into person values('A02','Pradeep','Rajajinagar'); |
|  | insert into person values('A03','Smith','Ashoknagar'); |
|  | insert into person values('A04','Venu','N.R.Colony'); |
|  | insert into person values('A05','John','Hanumanth Nagar'); |
|  |  |
|  | commit; |
|  |  |
|  | select \* from person; |
|  |  |
|  | insert into car values('KA031181','Lancer',1957); |
|  | insert into car values('KA041702','Audi',2005); |
|  | insert into car values('KA043408','Honda',2008); |
|  | insert into car values('KA052250','Indica',1990); |
|  | insert into car values('KA095477','Toyota',1998); |
|  |  |
|  | commit; |
|  |  |
|  | select \* from car; |
|  |  |
|  |  |
|  | insert into accident values(11,'2001-01-03','Mysore Road'); |
|  | insert into accident values(12,'2021-01-03','Southend Circle'); |
|  | insert into accident values(13,'2020-03-03',' Bulltemple Road'); |
|  | insert into accident values(14,' 2017-02-08',' Mysore Road'); |
|  | insert into accident values(15,'2004-03-05','Kanakpura Road'); |
|  | commit; |
|  |  |
|  | select \* from accident; |
|  |  |
|  | insert into owns values ('A01','KA052250'); |
|  | insert into owns values ('A02','KA043408'); |
|  | insert into owns values ('A03','KA031181'); |
|  | insert into owns values ('A04','KA095477'); |
|  | insert into owns values ('A05','KA041702'); |
|  | commit; |
|  |  |
|  | select \* from owns; |
|  |  |
|  | insert into participated values ('A01','KA052250',11, 25000); |
|  | insert into participated values ('A02','KA043408',12, 50000); |
|  | insert into participated values ('A03','KA031181',13, 25000); |
|  | insert into participated values ('A04','KA095477',14, 3000); |
|  | insert into participated values ('A05','KA041702',15, 5000); |
|  | commit; |
|  |  |
|  | select \* from participated; |
|  |  |
|  | update participated |
|  | set damage\_amount = 2500 |
|  | where reg\_num='KA031111'; |
|  |  |
|  | select \* from participated; |
|  |  |
|  | insert into accident values(101,'2020-12-01','Xavier Road'); |
|  | insert into participated values('A01','KA031111',101, 1001); |
|  | commit; |
|  | select \* from accident; |
|  | select \* from participated; |
|  |  |
|  | insert into car values('KA01010', 'Accord', 2002); |
|  | insert into owns values('A02', 'KA01010'); |
|  | insert into accident values(200, '2008-12-01', 'Pinto Road'); |
|  | insert into participated values('A02', 'KA01010', 200, 500); |
|  | commit; |
|  |  |
|  | select \* from car; |
|  | select \* from owns; |
|  | select \* from accident; |
|  | select \* from participated; |
|  |  |
|  | select count(\*) from accident where year(accident\_date)=2008; |
|  | select count(\*) from participated where reg\_num in ( select reg\_num from car where model="Accord"); |

****

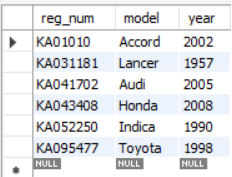


Accident Table

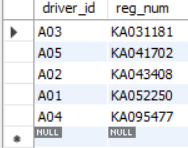
Accident Final Table



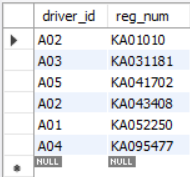
Car Table



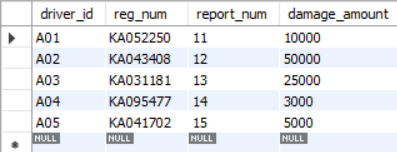
Car Final Table



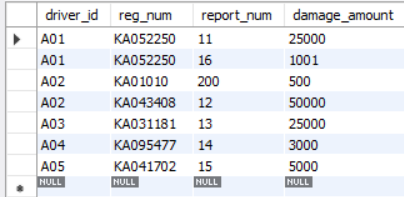
Owns Table



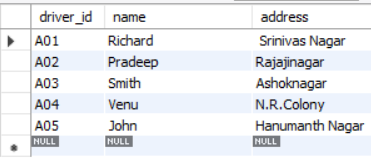
Owns Final Table



Participated Table



Participated Table Final



Person Table